

Abstract Submitted
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Searching for axion dark matter with the ADMX Sidecar cavity¹

NATHAN WOOLLETT, Lawrence Livermore Natl Lab, ADMX COLLABORATION — The ADMX Sidecar system is an in-situ testbed for technologies which may be incorporated into future ADMX runs while also taking science data. This talk will detail the status of the current data run which comprises the first use of a clamshell cavity in ADMX and the use of a near quantum limited Traveling Wave Parametric Amplifier (TWPA).

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